

In The Specification

In the Specification please amend the following paragraphs to remove the underlines of the section headings as follows:

Page 12, line 29:

Heap Remove Operation

Page 13, line 9:

Heap Insert Operation

Page 13, line 16:

Creating Multiple Heaps using an Array and Pointer Implementation

Page 15, line 4:

Supernodes

Page 18, line 11:

Use of Hole Counters at Each Logical or Physical Pointer

Page 19, line 11:

Use of Multiple Memory Systems in a Heap for Pipelining

Page 21, line 16:

Use of Multiple Comparator Blocks in a Heap for Pipelining

Page 22, line 18:

Construction of a Pipelined heap with Random Operations

Page 23, line 10:

Use of a Level Cache

Page 23, line 13

Behaviour of the Insert Operation

Page 24, line1:

Behaviour of the Remove Operation

Page 25, line 1:

Implications of the Above, and the Use of a Level Cache